

DEPARTMENT OF FORESTRY AND FIRE PROTECTION
Office of State Fire Marshal
State Fire Training

P.O. Box 944246
SACRAMENTO, CA 94244-2460
Website: www.fire.ca.gov
(916) 327-2129



October 11, 2007

TO: REGISTERED AUTO EXTRICATION INSTRUCTORS

RE: EMERGENCY RESPONSE TO ALTERNATIVE FUEL VEHICLES

You are receiving this information because you are registered as an Auto Extrication Instructor in the State Fire Training Database and may have a vested interest in the development of this new training program.

The California Air Resources Board (CARB) has provide State Fire Training funding to develop and deliver an FSTEP curriculum for emergency response to alternative fuel vehicles. State Fire Training is gearing-up to develop to develop this program that will address electric, hybrid electric, natural gas, propane, ethanol, bio-diesel, hydrogen and fuel cell vehicles. An Alt-Fuel Workgroup is being assembled that will research each of these vehicle types, determine their unique emergency response needs, and design a curriculum to adequately train emergency responders.

The Alt-Fuel Workgroup will be a balance of fire service personnel (instructors, hazardous materials specialist, operations personnel) fuel and energy suppliers, and original equipment manufacturers (OEM's).

The first 3 day meeting will take place in January 2008. The workgroup will meet every other month after that for three day sessions. The goal of the workgroup will be to produce the Alt-Fuel training program for the Training Officers Symposium in November 2008 and the Fire Prevention Officers Conference in March of 2009.

If you are interested in joining this committee, please e-mail your résumé to Rodney.Slaughter@fire.ca.gov, by December 1, 2007. The Alt-Fuel Workgroup will be selected by resume to represent the fire service community statewide.



CURRICULUM DEVELOPMENT GUIDELINES



Chapter 2: General Manual Information

Chapter 2: General Manual Information

The Office of State Fire Marshal (OSFM) is vested with the responsibility of developing and coordinating courses of instruction for the California fire service. To achieve that objective, the OSFM must establish policies and procedures that set minimum standards for course development.

Establishing course development standards provides uniformity in course development criteria, improves the usefulness of materials for instructors, students, the educational delivery system, and assures compliance with appropriate training and educational methodologies.

Historical Perspective

The training and education of fire fighters is actually a fairly new field of vocational emphasis. The first documented training programs for fire fighters were in the Glasgow Fire Brigade in Scotland, under the direction of Firemaster James Braidwood in the 1830s. In the 1850s the Chief of the London Fire Brigade, Sir Eyre Massey-Shaw, wrote a comprehensive textbook on fire fighting that was rapidly followed by the development of specific fire fighting training techniques in the major fire departments all across the United States.

In 1929, Fire Chief Ralph J. Scott of the Los Angeles City Fire Department proposed to the U.S. Department of Vocational Education a document entitled, Study of a Fireman's Occupation. This document, which was produced by the members of the Los Angeles City Fire Department training staff, was an inventory of the knowledge domain of the fire service that existed in the 1920s. After adoption by the federal government, the Study of a Fireman's Occupation put into motion the development of a statewide fire training and education program that is still in existence in California today.

Shortly thereafter, the Peninsula Fire Chiefs' Club, later known as the San Mateo Fire Chiefs' Association, proposed that the State of California establish a statewide fire training program. The State Fire Marshal, J.W. Stevens, as well as individuals from the California Department of Education and the Fire Chiefs' Associations developed a plan that was implemented in the 1930s. The State Fire Training program was originally created as part of the State Department of Education. While it suffered some setbacks during the war years, it began to grow in the 1950s.

This system has evolved and grown over the years. From the humble beginnings by a small group of training officers, the system has grown to a statewide system involving community colleges, universities, and the entire spectrum of fire service personnel from fire prevention officers to fire mechanics. The system now reaches into the civilian population for pre-employment training.

By 1968, the Study of a Fireman's Occupation originally proposed by Chief Scott had undergone many revisions. It was suggested by Fire Chief Rod Porter, a member of the California Fire Chiefs' Association Training and Education Committee, that the courses of instruction needed to be updated. During the discussion, it was noted that a more important need was to review the entire body of knowledge required of the fire service. Using the newly titled Occupational Analysis, the University of California, Los Angeles completed an extensive analysis to determine the validity of the various tasks identified in the document. Because of that project, the California fire service sponsored legislation to create the State Board of Fire Services.



CURRICULUM DEVELOPMENT GUIDELINES



Chapter 2: General Manual Information

The State Board of Fire Services (SBFS) was tasked with the responsibility of establishing voluntary minimum standards for fire fighter qualifications. Mr. Ed Bent, Supervisor of the Fire Service Training Program at that time, accompanied by key staff members James Miedl, Carlton Williams, Jerry Jones, Cedric Rowntree, Bob Shaw, Ray Russell, Ronny Coleman, and Glenn Hill made major modifications to the fire service training and education delivery system.

In the late 1970s, the program expanded from hands-on training delivered locally by the Fire Service Training and Education Program (FSTEP) to one involving community colleges and state universities. A rapidly increasing pre-service student population caused the training system to be divided between fire science technology and a certification program for positions within the fire service. The certification program became known as the California Fire Service Training and Education System (CFSTES).

In the 1980s, the primary thrust was on the development of position certification with an emphasis on competency within jobs in the fire service. By the end of the 1980s, it was clear that the fire service was undergoing some major organizational changes with increased responsibilities in emergency medical services, hazardous materials, and fire prevention. This change spotlighted the need to revise the Occupational Analysis again.

In 1992, State Fire Training created the Course Construction Task Force to look at four components of the training and education system:

1. To upgrade the California Fire Service Occupational Analysis on a regular basis,
2. To revise the Certification Training Standards (previously called the Career Development Guide) for the various certified positions,
3. To coordinate with the community college Fire Science/Technology program, and
4. To put into place a mechanism to periodically revise the certification courses to assure they are uniform and in congruence with current information and technology.

Definition of Terms

State Fire Training has a relationship with a variety of fire service training programs. It is appropriate, therefore, to define these relationships and limit course construction criterion to those courses that are under State Fire Training's control. The following definitions shall apply throughout this text:

ACCREDITED (CFSTES)	<p>A statewide course that meets the minimum accredited course construction requirements and includes some form of final examination or evaluation process to determine student competency. Most often, a written examination fulfills this need. A student completing an accredited course will receive an OSFM course completion certificate from State Fire Training. These courses are classified within the California Fire Service Training and Education System (CFSTES) and lead to an individual becoming certified in a particular fire service position or career track.</p> <p>Examples: Fire Command 1C and Fire Instructor 1B</p>
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APPROVED (FSTEP)	<p>A statewide or local course that meets the minimum approved course construction requirements. A final written examination to determine student competency is desired, but not required. A student completing an approved course will receive an OSFM course completion certificate from the instructor. These courses are classified within the Fire Service Training and Education Program (FSTEP) and do not lead to an individual becoming certified in a particular position or career track.</p> <p>Examples: S-339: Division/Group Supervisor and Fire Control 3</p>
RECOGNIZED	<p>A recognized course is presented by another delivery system such as the National Fire Academy, California Specialized Training Institute, CDF Academy, a community college, or private vendor. A recognized course has been evaluated by the CDF/State Fire Training Curriculum Development Division Chief and deemed to meet the same minimum standards. These courses may be substituted for State Fire Training courses and used for equivalency with the appropriate FSTEP or CFSTES course. A student completing a recognized course and receiving approval for equivalency will receive an OSFM equivalent course completion certificate from State Fire Training.</p> <p>Examples: Command and Control of Initial Operations (NFA) = Fire Command 2A Supervision 2 (CDF) = Fire Management 1</p>
SPONSORED	<p>A sponsored course is directly managed and financed by State Fire Training. A student completing a sponsored course will receive an OSFM course completion certificate from the State Fire Training.</p> <p>Example: Regional Instructor Orientation</p>

Limitations of This Manual

The purpose of this manual is to focus specifically on course construction criteria. It is not intended to establish policy and procedure for the overall implementation of the training and education system. State Fire Training publishes a policies and procedure manual as a companion document and the "Course Development Guidelines" manual may refer to this or other documents. It is appropriate that all course developers and even participants are familiar with the contents of both documents.

Document Flow

Course developers, technical experts, instructors, program coordinators, and other participants involved with State Fire Training must recognize the link between fundamental components in a fire service training program.

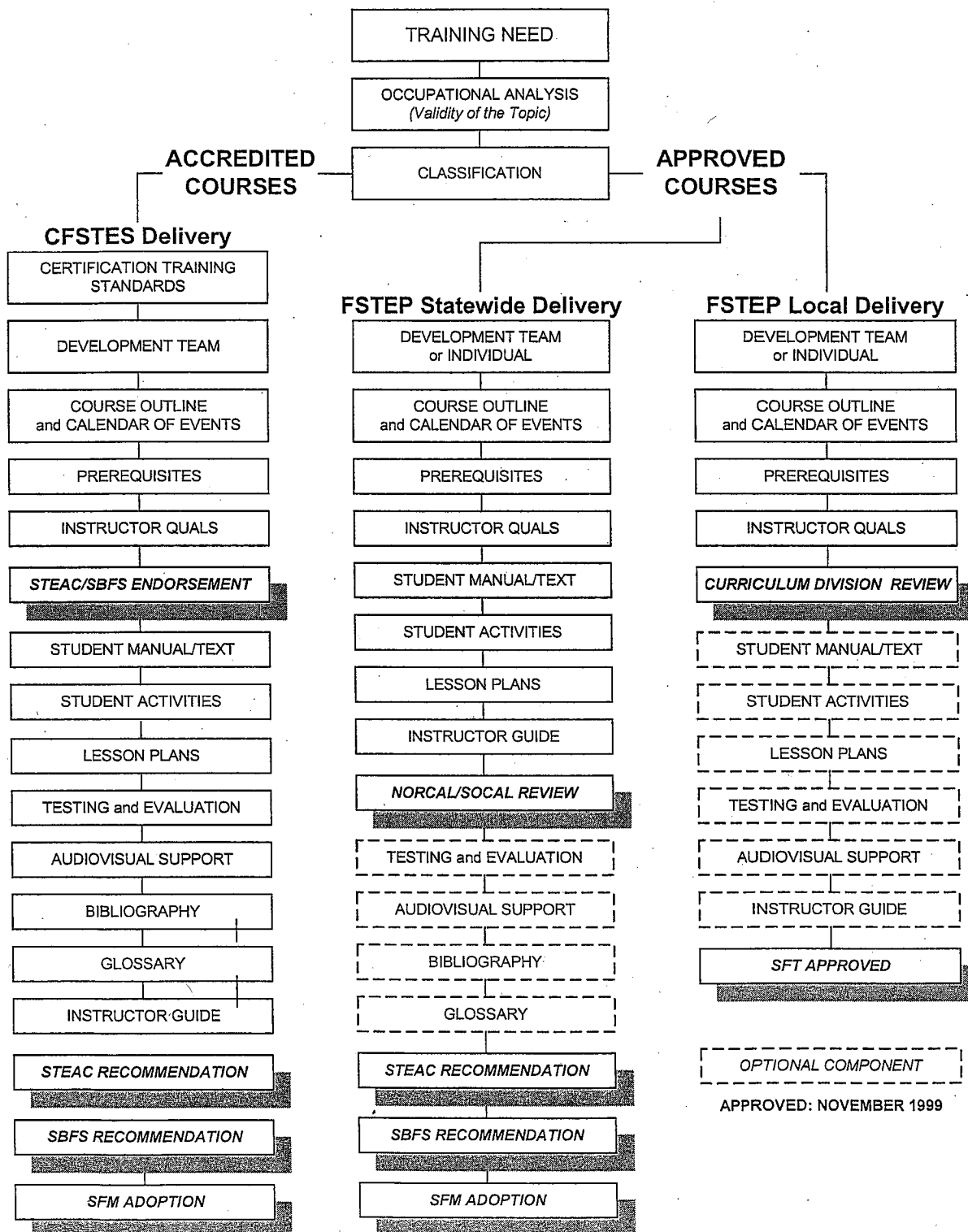
The following illustrates the components in the document flow sequence.

1. Occupational Analysis
2. Certification Training Standards (for position certification tracks)

3. Course Outline
4. Prerequisites
5. Instructor Qualifications
6. Student Manual, Student Supplemental and/or Textbook
7. Lesson Plans
8. Testing and Evaluation
9. Audiovisual Support
10. Bibliography
11. Glossary
12. Instructor Guide

Subsequent sections of this manual will refer back to the document flow sequence in two ways. The first is in the sequence of events and course development considerations that must occur with respect to course construction. The second defines the specific differences among the various documents so they do not become ambiguous and overlapping.

Course Development & Approval Process



Recognition of NWCG Course Equivalencies

California Incident Command
Certification System Task Force

Overview

To aid the effort and direction of the California Incident Command Certification System, the criteria outlined in the attached document had been adopted to recognize course equivalencies. This analysis was accomplished by comparing the National Wildfire Coordinating Group (NWCG) PMS-310-1, January 2000 course outlines and content to like or similar courses provided by the California State Fire Marshal (CSFM), California Department of Forestry and Fire Protection (CDF), National Fire Academy (NFA), Joint Apprenticeship Committee (JAC), and community college course work. NWCG courses not required for ICS position certification are not included.

The goals of course equivalencies are to minimize redundancy of training, expedite the certification process, and avoid repetitive costs due to duplication of curriculum delivery.

It is not the purpose of the equivalency matrix to dilute the intent of the NWCG course curriculum. In comparative analysis, the identified equivalent course work meets or exceeds the intent of the NWCG course content identified for comparison.

NWCG National Wildfire Coordinating Group	CSFM California State Fire Marshal	NFA National Fire Academy	CDF California Department of Forestry and Fire Protection	Community College	Firescope	Other Courses
I-100 Intro to ICS	I-100 FSTEP	ICS Self Study Unit	N/E	N/E	N/E	I-100 ICS Orientation (SEMS) or I-120
I-200 Basic ICS	I-200 FSTEP	N/E	N/E	N/E	N/E	ICS Basic (SEMS) or I-220
I-300 Intermediate ICS	I-300 FSTEP	N/E	N/E	N/E	N/E	ICS Intermediate (SEMS)
I-400 Advanced ICS	I-400 FSTEP	N/E	N/E	N/E	N/E	ICS Advanced (SEMS)
I-401 Multi-Agency Coordination	I-401 FSTEP	N/E	N/E	N/E	N/E	EOC Level Training (SEMS)
I-402 ICS for Executives	I-402 FSTEP	N/E	N/E	N/E	N/E	Executive Level Training (SEMS)
S-130 Firefighter Training	S-130 FSTEP or New Firefighter 1 2001	N/E	Firefighter 1 Basic Training	N/E	N/E	I.A.C. Intro to I-Zone Mod 1&2

N/E = No Equivalency

NWCG National Wildfire Coordinating Group	CSFM California State Fire Marshall	NFA National Fire Academy	CDF California Department of Forestry and Fire Protection	Community College	Firescope	Other Courses
S-131 Advanced Firefighter Training	S-131 FSTEP	N/E	Basic Fire Control 1A And Basic Fire Control 2B	N/E	N/E	N/E
S-190 Intro to Wildland Fire Behavior	S-190 FSTEP or Firefighter 1 2001	N/E	N/E	N/E	N/E	I.A.C. Intro to I-Zone Mod 1
S-200 Initial Attack Incident Commander	S-200 FSTEP or Command 1A and Command 1B (1998 or later)	N/E	Incident Management 1	N/E	N/E	N/E
S-201 Supervisory Concepts and Techniques	S-201 FSTEP or Fire Mgt 1	N/E	Supervision II Or Leadership Fundamentals	N/E	N/E	N/E
S-205 Fire Operations in the Urban Interface	S-205 FSTEP or Command 1C	Introduction to Wildland and Wildland/ Urban Interface Firefighting for the Company Officer	I-Zone Firefighting - Engine Company Officer	N/E	N/E	N/E
S-212 Wildland Power Saws	S-212 FSTEP	N/E	Fire Crew Captain Operational Or CDF 212	N/E	N/E	N/E
S-217 Interagency Helicopter Training	S-217 FSTEP	N/E	N/E	N/E	N/E	N/E
S-230 Crew Boss (Single Resource)	S-230 FSTEP	N/E	Fire Crew Captain Administrative And Operational	N/E	N/E	N/E

N/E = No Equivalency

NWCG National Wildfire Coordinating Group	CSPM California State Fire Marshall	NFA National Fire Academy	CDF California Department of Forestry and Fire Protection	Community College	FireScope	Other Courses
S-231 Engine Boss (Single Resource)	S-231 FSTEP or Command 1A and Command 1B(1998 or later)	N/E	Basic Fire Control 2A	N/E	N/E	N/E
S-232 Dozer Boss (Single Resource)	S-232 FSTEP	N/E	HFEO Academy	N/E	N/E	N/E
S-234 Ignition Operations	S-234 FSTEP	N/E	CDF 215 or CDF Intermediate Firing Operations	N/E	N/E	S-215 Firing Boss or S-234 Firing Methods and Procedures
S-236 Staging Area Manager	S-236 FSTEP	N/E	N/E	N/E	I-236	N/E
S-244 Field Observer	S-244 FSTEP	N/E	N/E	N/E	I-244 Field Observer/Display Processor	N/E
S-245 Display Processor	S-245 FSTEP	N/E	N/E	N/E	N/E	N/E
S-248 Status Check-In Recorder	S-248 FSTEP	N/E	N/E	N/E	I-248	N/E
S-254 Base/Camp Manager	S-254 FSTEP	N/E	N/E	N/E	I-245	N/E
S-255 Equipment Manager	S-255 FSTEP	N/E	CDF 255	N/E	I-255	N/E
S-259 Security Manager	S-259 FSTEP	N/E	N/E	N/E	I-259	N/E
S-260 Interagency Incident Business Management	S-260 FSTEP	N/E	N/E	N/E	N/E	N/E
S-270 Basic Air Operations	S-270 FSTEP	N/E	N/E	N/E	N/E	N/E
S-290 Intermediate Fire Behavior	S-290 FSTEP	N/E	Intermediate Fire Behavior Or CDF 290	N/E	N/E	N/E

N/E = No Equivalency

NWCG National Wildfire Coordinating Group	CSFM California State Fire Marshall	NFA National Fire Academy	CDF California Department of Forestry and Fire Protection	Community College	Firescope	Other Courses
S-300 Extended Attack Incident Commander	S-300 FSTEP or Command 2E	N/E	Incident Management III Extended Attack Wildland Fire Management	N/E	N/E	N/E
S-301 Leadership and Organizational Development	S-301 FSTEP or Fire Mgt. I	Fire Service Supervision Or Leadership I, II, III Or Executive Leadership	Supervision II Or Leadership Fundamentals	N/E	N/E	N/E
S-330 Strike Team Leader	S-330 FSTEP	N/E	N/E	N/E	S-333 STL Crew or S-334 STL Engine or S-335 STL Dozer	N/E
S-339 Division/ Group Supervisor	S-339 FSTEP	N/E	N/E	N/E	S-339 All Risk or I-339	N/E
S-342 Documentation Unit Leader	S-342 FSTEP	N/E	N/E	N/E	I-342	N/E
S-346 Situation Unit Leader	S-346 FSTEP	N/E	N/E	N/E	I-346	N/E
S-347 Demobilization Unit Leader	S-347 FSTEP	N/E	N/E	N/E	I-347	N/E
S-348 Resources Unit Leader	S-448 FSTEP	N/E	N/E	N/E	I-348	N/E
S-354 Facilities Unit Leader	S-354 FSTEP	N/E	N/E	N/E	I-354	N/E
S-355 Ground Support Unit Leader	S-355 FSTEP	N/E	CDF 355	N/E	I-355	N/E
S-356 Supply Unit Leader	S-356 FSTEP	N/E	N/E	N/E	I-356	N/E
S-357 Food Unit Leader	S-357 FSTEP	N/E	N/E	N/E	I-357	N/E

N/E = No Equivalency

NWCG National Wildfire Coordinating Group	CSFM California State Fire Marshall	NFA National Fire Academy	CDF California Department of Forestry and Fire Protection	Community College	Firescope	Other Courses
S-358 Communications Unit Leader	S-358 FSTEP	N/E	CDF 358	N/E	I-358	N/E
S-359 Medical Unit Leader	S-359 FSTEP	N/E	N/E	N/E	I-359	N/E
S-371 Helibase Manager	S-371 FSTEP	N/E	N/E	N/E	I-271 Helibase Manager	N/E
S-365 Cost Unit Leader	S-365 FSTEP	N/E	N/E	N/E	I-365	N/E
S-370 Intermediate Air Operations	N/E	N/E	N/E	N/E	N/E	USFS - Intermediate Air Operations
S-378 Air Tactical Group Supervisor	S-378 FSTEP	N/E	Air Attack Management	N/E	N/E	Air Attack Management
S-390 Introduction to Wildland Fire Behavior Calculations	S-390 FSTEP	N/E	N/E	N/E	N/E	N/E
S-400 Incident Commander	S-400 FSTEP	N/E	N/E	N/E	N/E	N/E
S-401 Effective Management	N/E	N/E	N/E	N/E	N/E	N/E
S-402 Liaison Officer	S-402 FSTEP	N/E	N/E	N/E	N/E	I-402 Liaison Officer
S-403 Incident Information Officer	S-403 FSTEP	N/E	N/E	N/E	N/E	N/E
S-404 Safety Officer	S-404 FSTEP	N/E	N/E	N/E	I-401 Safety Officer	S-401 Safety Officer
S-420 Command and General Staff	S-420 FSTEP	N/E	N/E	N/E	I-420 Command and General Staff	N/E
S-430 Operations Section Chief	S-430 FSTEP	N/E	N/E	N/E	S-430 All-Risk or I-430	N/E
S-440 Planning Section Chief	S-440 FSTEP	N/E	N/E	N/E	I-440	N/E
S-450 Logistics Section Chief	S-450 FSTEP	N/E	N/E	N/E	I-450	N/E
S-460 Finance/Admin Section Chief	S-460 FSTEP	N/E	N/E	N/E	I-460	N/E

N/E = No Equivalency

NWCG National Wildfire Coordinating Group	CSFM California State Fire Marshall	NFA National Fire Academy	CDF California Department of Forestry and Fire Protection	Community College	Firescope	Other Courses
S-470 Air Operations Branch Director	S-470 FSTEP	N/E	N/E	N/E	I-470	N/E
S-490 Advanced Fire Behavior	S-490 FSTEP	N/E	N/E	N/E	N/E	N/E
S-520 Advanced Fire Behavior Interpretation	N/E	N/E	N/E	N/E	N/E	N/E
S-620 Area Command	N/E	N/E	N/E	N/E	N/E	N/E

N/E = No Equivalency

Subchapter 7. General Industry Safety Orders**Group 2. Safe Practices and Personal Protection****Article 10.1. Personal Protective Clothing and Equipment for Fire Fighters**

New query

§3409. Respiratory Protection.

(a) Approved Equipment.

(1) Approvals. Fire fighters exposed to harmful exposure in the course of their assigned activities shall be provided with, and shall use respiratory protective devices that are approved and certified in accordance with Section 5144, and the methods and requirements specified by the National Institute of Occupational Safety and Health (NIOSH) under 42 CFR part 84.

(2) Permissible Devices.

(A) Respiratory protective devices provided for and used by fire fighters in structural fire fighting activity shall be limited to those types classified as self-contained breathing apparatus (SCBA), and combination breathing apparatus of the supplied-air positive-pressure type.

(B) Closed-circuit self-contained breathing apparatus shall not be used by fire fighters except where it has been demonstrated that long duration breathing apparatus is necessary. If such breathing devices are used, quantitative fit tests providing a minimum protection factor of 5,000 shall be performed on each individual using the long duration breathing apparatus. The quantitative fit test procedures shall be available for inspection by the Division.

(b) General Requirements.

(1) Written Standard Procedures. The employer shall develop and implement comprehensive written standard operating procedures for the use, care, maintenance, and training relating to respiratory protective equipment in accordance with Section 5144 and ANSI Z88.2 (1980), "Practices for Respiratory Protection," and ANSI Z88.5 (1981), "Practices for Respiratory Protection for the Fire Service." The operating procedures required by this subsection are exempt from the prohibition of the use of contact lenses specified in ANSI Z88.2(1980) and ANSI Z88.5(1981).

(2) When emergency conditions require the urgent multi-person use of the same facepiece, requirements of Section 5144(h) pertaining to cleaning and sanitation of the facepiece shall not apply.

(3) Operating Service Time. Respiratory protective devices provided for use by fire fighters shall have a rated service time of at least 30 minutes in accordance with the methods and requirements specified by NIOSH 42 CFR part 84.

Exception: Respiratory protective devices of less than 30 minutes rated service time shall only be used for escape, rescue and observation.

(4) Automatic Warning Signal. Respiratory protective devices provided for use by fire fighters shall be

equipped with an automatic device that produces an audible signal to warn the user that the remaining service time of the unit has been reduced to 20-25%. Means shall be designed and incorporated to indicate to the user that his alarm has been activated.

(5) Buddy-Breathing. Approved self-contained breathing apparatus may be equipped with either a "buddy-breathing" device or a quick disconnect valve, even if these devices are not certified by NIOSH. If these accessories are used, they shall not cause damage to the apparatus, or obstruct the normal operation of the apparatus.

(6) Air Cylinders. Approved self-contained compressed air breathing apparatus may be used with approved cylinders from other approved self-contained compressed air breathing apparatus provided that such cylinders are of the same capacity and pressure rating. All compressed air cylinders used with self-contained breathing apparatus shall meet United States Department of Transportation (DOT) and NIOSH criteria.


(c) Positive Pressure. Except as permitted in Section 3409(a)(2)(B), all compressed air self-contained breathing apparatus used in fire fighting activity shall be of positive pressure type.

NOTE

Authority cited: Section 142.3, Labor Code. Reference: Section 142.3, Labor Code.

HISTORY

1. Amendment of subsection (c)(2) filed 9-11-80; effective thirtieth day thereafter (Register 80, No. 37).
2. Amendment filed 4-29-85; effective thirtieth day thereafter (Register 85, No. 18).
3. Amendment of subsection (b)(1) filed 3-20-95; operative 4-19-95 (Register 95, No. 12).
4. Amendment of subsections (a)(1) and (b)(3) filed 8-25-98; operative 11-23-98 (Register 98, No. 35).
5. Change without regulatory effect amending subsection (b)(2) filed 12-30-99 pursuant to section 100, title 1, California Code of Regulations (Register 99, No. 53).

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The above information is provided free of charge by the Department of Industrial Relations from its web site at www.dir.ca.gov .
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Antelope Valley College Accredited Regional Training Program Site Visit Report

September 20, 2007

Accreditation Team

Mike Richwine, Chief of State Fire Training
Rodney Slaughter, Deputy State Fire Marshal
Ken Vollenweider, Deputy State Fire Marshal
Mark Romer, STEAC Representative
Tim Capehart, Fire Technology Director Representative

Executive Summary

The accreditation team recommends that the Antelope Valley College becomes accredited under the State Fire Training System. This recommendation is conditional on the College providing additional documentation of their program detailed in this report.

Program Review

Accreditation team members were provided a copy of Antelope Valley College self-assessment report prior to the September 12, 2007 site visit for review. The site team met with Rob Falb and Tom Hutchinson, Fire Science Technology Coordinators who provided the tour of the main Antelope Valley College campus and the Los Angeles County Fire Department's North County Training Center.

The tour allowed the accreditation team members to meet with Jackie Fisher, Superintendent/President, Sharon Lowry, Vice President of Academic Affairs, and Margret Drake, Dean of Technical Education. All three communicated their commitment to the Fire Technology program and their support for State Fire Training programs and processes.



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Site team also met Captain Dan Rodriguez and toured the Los Angeles County Fire Department's North County Fire Training Center. A written agreement between Antelope Valley College and Los Angeles County Fire Department was added to the application package.

Antelope Valley College provides an Associates Degree in Fire Science, Fire Fighter 1 Academy training, National Wildfire Coordinating Group Wildland Fire Fighter training and Emergency Medical Technician training.

The accreditation team found that the training facilities, apparatus, tools and equipment will adequately meet the needs for faculty and students.

Conditions for Recommended Approval

The recommendation for approval is conditional on Antelope Valley College providing the following solutions and/or documentation for their program:

1. The current fire academy classroom was located next to a welding shop without the required one-hour wall separating the two spaces. The condition of this approval is that the students and staff are permanently moved from the non-compliant classroom until the classroom is retrofitted.
2. "Emergency Care of the Sick and Injured" section of the State Fire Training Fire Fighter 1 curriculum was removed from the training program. The campus must submit a written plan to ensure that Fire Fighter 1 candidates can complete their emergency medical training as a condition of this approval.
3. Academy students are not currently provided with a medical evaluation that includes a respiratory protection plan in accordance with Title 8 California Code of Regulation. Where a student is required to participate in a live fire training scenario, a written respiratory plan for students entering an environment that is immediately dangerous to life and health (IDLH) must be provided as a condition of this approval.



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Los Medanos College Accredited Regional Training Program Site Visit Report

October 15, 2007

Accreditation Team

Rodney Slaughter, Deputy State Fire Marshal

Hal Rooney, STEAC Representative

John Sola, Fire Technology Directors Association Representative

Ken Vollenweider, Deputy State Fire Marshal

Executive Summary

The accreditation team recommends that Los Medanos College becomes re-accredited as a regional training program under the State Fire Training System. Los Medanos located at 2700 East Leland Road, Pittsburg, California has continued to serve the training and educational needs for the Delta and East Bay area.

Program Review

Accreditation team members were provided a copy of Los Medanos College's self-assessment report prior to the October 3, 2007 site visit for review. The site team met with David Wahl, Special Projects Manager and Mike Grillo, Fire Academy Coordinator who provided a tour of the main Los Medanos College campus and the Contra Costa County Fire Department's Training Center.

The tour allowed the accreditation team members to meet with Daniel Henry, Vice President and Kiran Kamath, Dean of Occupational Education. Both the President and Dean communicated their commitment to the Fire Technology program and their support for State Fire Training programs and processes.



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Site team also met Captain Donna Rayon-Terrell and toured the Contra Costa County Fire Department's Training Center. A written agreement exists between the college and the fire department for the use of the fire departments training facilities.

Los Medanos College provides an Associates Degree in Fire Science, Fire Fighter 1 Academy training and Emergency Medical Technician training. EMS training is a prerequisite to enrolling in the Fire Fighter I Academy.

The Fire Technology program is going through reorganization under the direction of David Wahl which will continue to strengthen the relationship between the college and State Fire Training. The campus maintains student records and grades but does not do local processing. The Industrial Emergency Council currently provides the State Fire Training classes for Los Medanos College and the Contra Costa Fire Department. As such, neither the college nor Contra Costa Fire maintains all the class records for SFT classes (Contra Costa Fire diligently maintains the training records for their Department). Contract training and local processing are two areas that Dave Wahl will be addressing in his improvements for the fire academy.

The accreditation team found that the training facilities, classrooms, apparatus, tools and equipment adequately meet the needs for faculty and students. The site accreditation team recommends that Los Medanos College become re-accredited.



California State Fire Training

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Fremont Fire Department Accredited Local Academy Site Visit Report

October 15, 2007

Accreditation Team

Mike Richwine, Chief State Fire Training

Hal Rooney, STEAC Representative

John Sola, Fire Technology Directors Association Representative

Rodney Slaughter, Deputy State Fire Marshal

Ken Vollenweider, Deputy State Fire Marshal

Executive Summary

The accreditation team recommends that Fremont Fire Department becomes re-accredited as a local academy under the State Fire Training System. Fremont Fire Department training located at 46100 Landing Parkway, Fremont, California has served the training and needs for the Department and neighboring fire departments.

Program Review

Accreditation team members were provided a copy of the Fremont Fire Department's self-assessment report prior to the October 4, 2007 site visit for review. The site team met with Captains John Garza and Ron Maize who provided a presentation on the future of Fremont Fire Department's training program. A tour of Fremont Fire Department's Training Center was conducted by Chief Richwine, Hal Rooney and Deputy Vollenweider. Deputy Slaughter and John Sola reviewed Fremont Fire Department's training records.

The tour allowed the accreditation team members to meet with Chief Bruce Martin and Robert O'Brien who are both committed to excellence in fire department training and their relationship to State Fire Training. Fremont Fire Department includes a large number of staff registered to teach a wide range of SFT training programs. Many of the classes are offered as open enrollment classes so that they can be provided cost effectively. The accreditation team found that the training facilities, classrooms, apparatus, tools and equipment adequately meet the needs for faculty and students.

ARTP/ALA Reaccreditation Site Visit Schedule

Site Visit Date	Academy/Training Program	Accreditation Expiration Date	Last Reaccreditation	Original Accreditation	Local Processing	ST/EAC Rep	Fire Tech Rep
June 25 - 29, 2007	City College of San Francisco	N/A	N/A	N/A		H. Rooney	A. Cola
September 12-13, 2007	Antelope Valley College	N/A	N/A	N/A		M. Romer	T. Capehart
October 1-5, 2007	Fremont Fire Department	6/1/05	N/A	2/25/97		H. Rooney	J. Sola
October 3, 2007	Los Medanos College	N/A	N/A	N/A		H. Rooney	J. Sola
Nov 1-2, 2007	El Camino College	N/A	N/A	N/A		D. Senior	T. Capehart
	Crafton Hills Community College	2/11/94	2/11/99	2/15/95	✓	R. Thomas	N. Hannum
November 8 - 9, 2007	Sierra College	6/1/05	N/A	8/10/00		D. Senior	
January 24 - 25, 2008	Santa Ana College	6/1/05	6/1/02	4/29/93	✓	R. Thomas	
	Ben Clark Training Center	6/1/05	6/1/00	5/28/97	✓		T. Rickman
February 18 - 22, 2008	Mt. San Antonio Community College	7/1/03	7/1/98	7/21/93		R. Thomas	T. Rickman
	Los Angeles City Fire Department	6/1/05	2/3/03	2/3/00			
March 17 - 21, 2008	College of the Siskiyous	6/1/05	7/1/02	7/24/93	✓	R. Coleman	
	Shasta-Tehama-Trinity Joint CC	6/1/05	4/1/00	11/15/95	✓	K. Wagner	D. Senior
April 21 - 25, 2008	Modesto Jr. College	6/1/05	5/6/98	2/16/94	✓	R. Coleman	D. Senior
	CDF Academy	6/1/05	8/1/01	11/12/98			
May 7 - 8, 2008	American River College	6/1/05	3/1/01	2/11/98		D. Childress	H. Bow
June 18, 2008	Oakland Fire Department	6/10/05	N/A	7/21/94		M. Boorgarten	
July, 2008	N/A						
August, 2008	N/A						
September 22 - 26, 2008	San Jose Fire Department	6/1/05	N/A	2/15/95		D. Childress	
	South Bay Regional Training Consortium	6/1/05	N/A	11/12/98		C. Hurley	
October 13 - 17, 2008	Santa Rosa Training Center	11/1/04	11/1/99	8/16/95			
	Solano Community College	6/1/05	N/A	6/1/04			
November 5 - 6, 2008	San Joaquin Delta College	6/1/05	N/A	8/12/98			
December, 2008	N/A						
January 19 - 23, 2009	San Diego Fire Department	2/1/05	N/A	11/15/95		C. Hurley	
	Palomar College	6/1/05	6/1/01	5/6/98	✓	R. Thomas	T. Rickman
February 17 - 19, 2009	Olive Drive Training Center	6/1/05	6/1/00	5/15/96	✓		N. Hannum
March 16 - 20, 2009	Ventura County Regional Training Center	4/1/07	4/1/02	5/15/96	✓	R. Thomas	
	Verdugo Fire Academy	6/1/05	N/A	11/1/99			
April 13 - 17, 2009	Greater L.A. Regional Fire Academy	6/1/05	6/1/01	5/28/97			
	James H. Sherr Fire Academy	4/11/07	8/13/00	8/13/97			
May 6 - 7, 2009	Allan Hancock College	6/1/05	N/A	5/28/97			
June	N/A						
July	N/A						
August	N/A						
September 14 - 18, 2009	College of San Mateo	6/1/05	8/1/00	8/13/97			
	Chabot Community College	8/10/05	8/10/00	5/6/99			
October 12 - 16, 2009	Butte/Glenn Community College	6/1/05	N/A	11/12/98			
	Yuba College	6/1/05	N/A	11/2/00			
November 9 - 13, 2009	Porterville Community College	6/1/05	N/A	11/12/00			
	College of the Sequoias	6/1/05	N/A	5/1/04			
December 2 - 4, 2009	Victor Valley College	6/1/05	N/A	8/13/97	✓		

DEPARTMENT OF FORESTRY AND FIRE PROTECTION**Office of State Fire Marshal****State Fire Training**

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October 10, 2007

REMINDER OF SFT FEE INCREASE

On January 1, 2008 State Fire Training is instituting a fee increase for all California Fire Service Training and Education System (CFSTES) and Fire Service Training and Education Program (FSTEP) courses. The purpose of this change, originally recommended by the Statewide Training and Education Advisory Committee (STEAC) in January 2007, is to address the increased cost of doing business since the last fee adjustment over ten years ago. The increase will also allow State Fire Training to provide significant improvements to the CFSTES and FSTEP programs.

Beginning January 1, 2008, CFSTES and FSTEP fees will change as follows:

- Certification fees will increase by \$10.
- FSTEP course registration fee will increase by \$15 per student.
- CFSTES course registration fee will increase by \$30 per student and will include the student manual/supplement if provided by the SFT bookstore. Additional materials may be required from other sources, and are listed in the Course Information and Required Materials Manual available on our website at <http://osfm.fire.ca.gov/sftdownloads.html>.

If you have any questions regarding the fee increase, you may contact Christy Owen, Manager, Certification and Registration at (916) 327-2129 or via e-mail at christy.owen@fire.ca.gov.